

## PUBLIC NOTICE

**PERMIT APPLICATION:** NRS 07.057

**APPLICANT:** Tennessee Department of Transportation  
Environmental Division  
Suite 900, James K. Polk Building  
505 Deaderick Street  
Nashville, Tennessee 37243-0338  
615-253-2477

**LOCATION:** The proposed alterations are located at the intersection of South Fork Holston River (Fort Patrick Henry Reservoir) and the State Route (SR) 75 bridge in Sullivan County. The bridge is just downstream of the Boone Dam. (36.4485°N, 82.4423°W)

**WATERSHED DESCRIPTION:** The proposed alteration would impact an unnamed tributary to South Fork Holston River and the South Fork Holston River itself. The first order tributary runs parallel to SR 75 on the east side of the road and on the northeastern side of the river. It is approximately 3 meters wide and has been assessed as not being Exceptional Tennessee Waters. The South Fork Holston River is approximately 400 feet wide and has not been assessed as fully supporting its classified uses. Those classified uses include domestic water supply, industrial water supply, fish and aquatic life, recreation, livestock watering and wildlife, irrigation, and trout stream.

**PROJECT DESCRIPTION:** The applicant proposes to relocate the tributary and replace the bridge over the river. The tributary would have two sections relocated.

The constructed channel would be 3 meters wide and have riprap hard points every 15 meters (see figure 2, 3, and 4). The first section to be relocated is 189 meters (620 ft.) long. The constructed channel would be 175 meters (574 ft.) long and have a 33 meter long (84 ft.) box culvert. The second section is currently 90 meters (295 ft.) long. The constructed channel would be 70 meters (230 ft.) long. The relocation would result in a loss of 26.6 meters (87 ft.) of stream. The applicant proposes to compensate for the stream loss by paying \$17,400.00 (\$200 x 87 ft.) into the Tennessee Stream Mitigation Program. The applicant is also proposing to plant alternating rows of trees along one bank of the tributary (see figure 4). Those trees would consist of *Acer rubrum* (Red maple), *Platanus occidentalis* (Sycamore), *Cercis canadensis* (Red bud), *Juglans nigra* (Black walnut), and *Liquidambar styraciflua* (Sweetgum). Associated with the relocation is the potential crossing of the tributary twice with a force sanitary sewer line. The sewer line might have to be installed in the tributary at its current location but would not alter the relocated stream.

The SR 75 bridge over the river would be removed and a 270 meter (886 ft.) 7 span bridge would be constructed. The proposed bridge would have 3 piers constructed in the river.

**USGS TOPOGRAPHIC QUADRANGLE:** Boone Dam, TN (198-NW)

**PERMIT COORDINATOR:** Trent Thomas

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of

the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation  
Division of Water Pollution Control, Natural Resources Section  
7th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

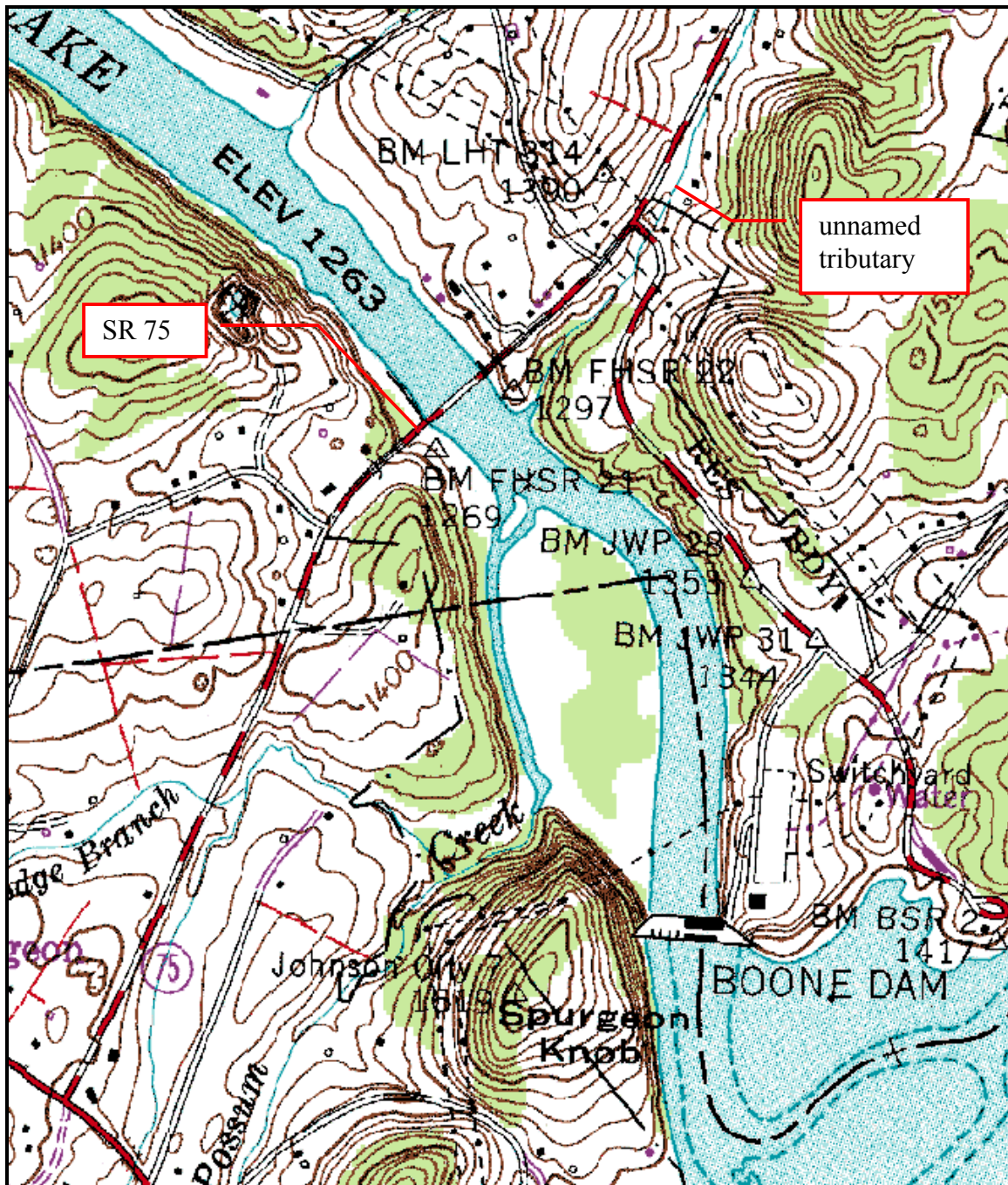


Figure 1: Approximate location of proposed alterations

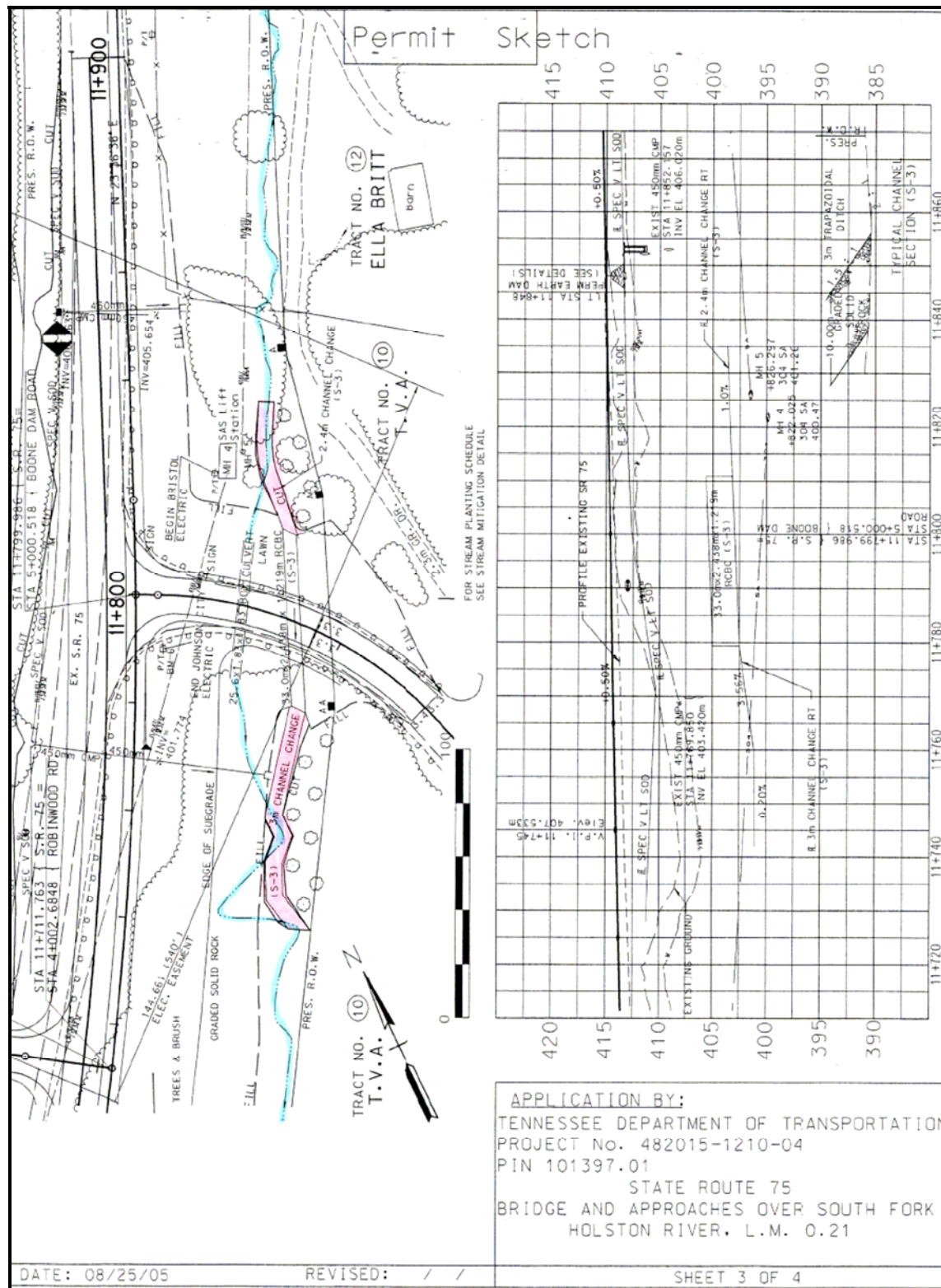


Figure 2: Permit sketch of relocation



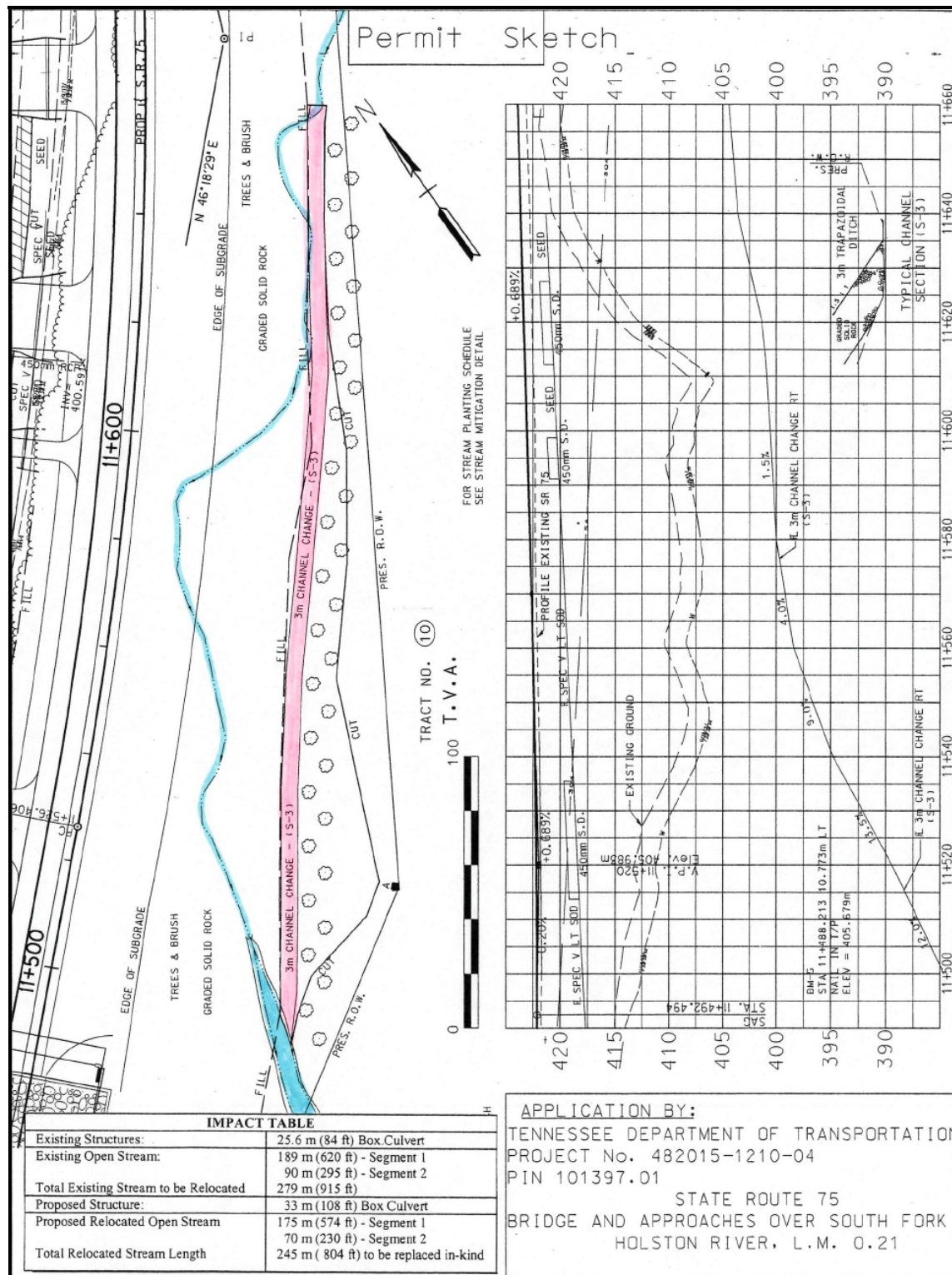


Figure 3: Permit sketch of relocation

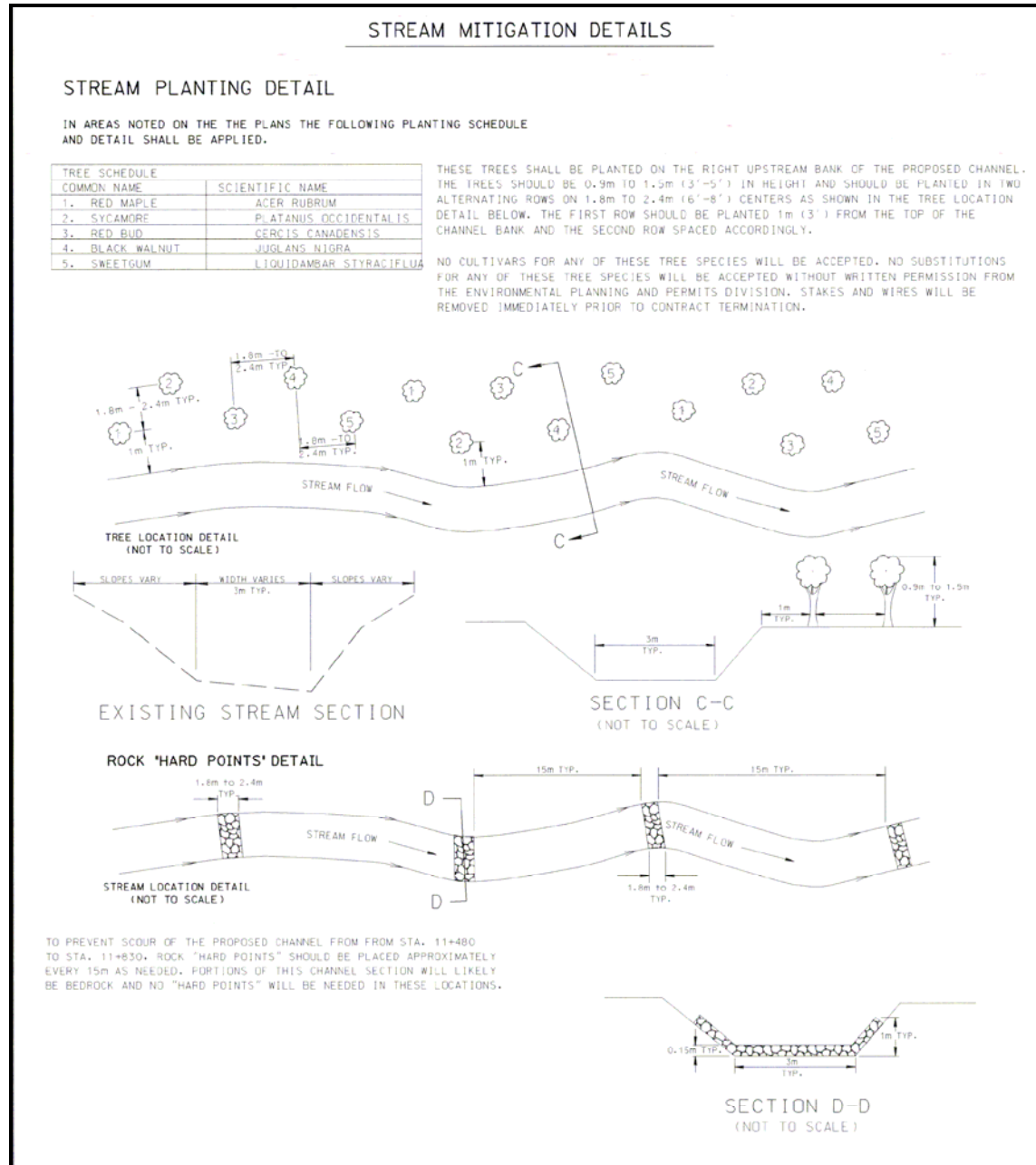


Figure 4: Permit sketch of hard points and tree plantings

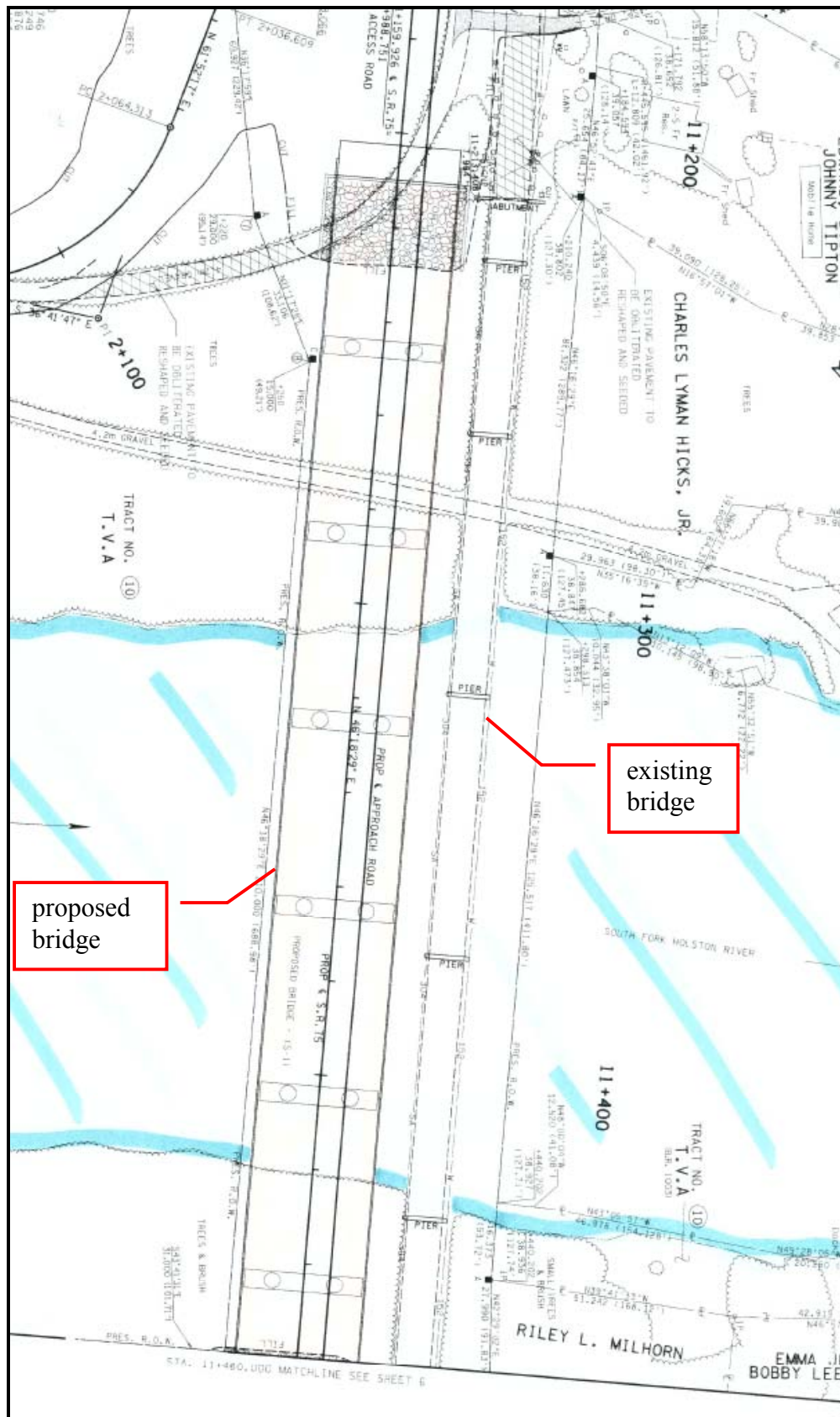


Figure 5: Permit sketch of bridge replacement